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FROM: Gwilym J.O. Attwell

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OF PAGES (INCLUDING COVER): 10

FILE NAME: phrm0002-100

DATE: July 18, 2003

FILE #: 133352

RECIPIENT(S)	PHONE	FAX
Examiner Joseph F. Murphy	703-305.7245	703-746.5164

MESSAGE: OFFICIAL FAX! PLEASE DELIVER TO EXAMINER MURPHY.

Serial No.: 09/693,746 Filing Date: 10/20/2000

Attachments: Transmittal form (1 sheet)
Fee Transmittal (w/auth to charge deposit acct) (dupl)
Petition for Extension of Time (3 mos.)
Amendment and Response

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PTO/SB/21 (05-03)

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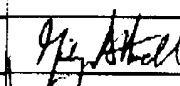
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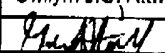
TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	09/693,746
		Filing Date	October 20, 2000
		First Named Inventor	David E. Lowery
		Art Unit	1646
		Examiner Name	Joseph F. Murphy
Total Number of Pages in This Submission	8	Attorney Docket Number	PHRM0002-100(133352)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input checked="" type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input checked="" type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks		
Authorization to Charge Deposit Account (See Fee Transmittal); Being sent by Facsimile to 703.746.5164		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual name	Gwilym J.O. Attwell, PTO Regls. No. 45,449
Signature	
Date	July 18, 2003

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Gwilym J.O. Attwell		
Signature		Date	July 18, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**FEE TRANSMITTAL
for FY 2003***Patent fees are subject to annual revision.*☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 930.00**Complete if Known**

Application Number	09/693,746
Filing Date	October 20, 2000
First Named Inventor	David E. Lowery
Examiner Name	Joseph F. Murphy
Art Unit	1848
Attorney Docket No.	PHRM0002-100 (133352)

METHOD OF PAYMENT (check all that apply)
☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None
☒ Deposit AccountDeposit
Account
Number

50 1275

Deposit
Account
Name

Cozen O'Connor, P.C.

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments
☒ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, except for the filing fee to the above identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)

(\$0)

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
82	83	X	
1	11	X	
		X	

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1202	18	2202	9	Claims in excess of 20	
1201	94	2201	42	Independent claims in excess of 3	
1203	280	2203	140	Multiple dependent claim, if not paid	
1204	84	2204	42	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2)

(\$)

**or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	120	2051	60	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or minor sheet	
1053	130	2053	65	Non-English specification	
1812	2,520	1812	2,520	For filing a request for reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	
1253	930	2253	465	Extension for reply within third month	830
1254	1,450	2254	725	Extension for reply within fourth month	
12A8	1,070	2255	965	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1482	110	2452	55	Petition to revive - unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1480	130	1480	130	Petitions to the Commissioner	
1007	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
1808	180	1808	180	Submission of Information Disclosure Sheet	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	740	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)

(\$930.00)

SUBMITTED BY

Name (Print/Type)

Glynn J. C. Atwell

Registration No. Attorney/Agent

45,449

Telephone

215-665-8804

Signature

[Signature]

Date

18 July 2003

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DOCKET NO.: PHRM0002-100

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of:

Lowery *et al.*

Serial No.: 09/693,746

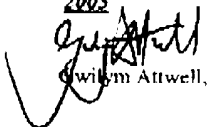
Group No.: 1646

Filed: **October 20, 2000**

Examiner: **Joseph F. Murphy**

For: **DROSOPHILA G PROTEIN COUPLED RECEPTORS, NUCLEIC ACIDS, AND METHODS RELATED TO THE SAME**

I hereby certify that this correspondence is being facsimile transmitted to Examiner Murphy at the United States Patent and Trademark Office (facsimile number 703-746-5164) on July 18, 2003


William Attwell, Reg. No. 45,449

Assistant Commissioner for Patents
Washington, D.C. 20231.

RESPONSE

In response to the Office Action dated January 27, 2003, Applicants respectfully request entry of the following amendments, without prejudice, and request that the rejections be reconsidered and withdrawn. The period to respond is extended by payment of the appropriate fee, provided herewith.